

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	139	sensor with (three near motion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 15:49
L4	2752	sensor with (motion near detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 15:49
L5	1478	4 and three	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 15:49
L6	8	1 and toy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/24 15:49
S1	80	((("Re.36,030") or ("2,909,097") or ("3,318,185") or ("3,383,503") or ("3,561,719") or ("3,586,936") or ("3,595,991") or ("3,601,621") or ("3,624,384") or ("3,643,216") or ("3,689,758") or ("3,737,647") or ("3,740,570") or ("3,746,918") or ("3,760,174") or ("3,805,047") or ("3,814,926") or ("3,818,216") or ("3,832,503") or ("3,858,086") or ("3,866,035") or ("3,901,121") or ("3,909,670") or ("3,924,120") or ("3,949,350") or ("3,958,885") or ("3,974,637") or ("4,001,571") or ("4,009,381") or ("4,054,814"))).PN. or ((US2001/0021109) or (US2001/0033488) or (US2002/0047624) or (US2003/0107887) or (US2003/0189412) or (US20*/0066652)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 08:40
S2	12	((("20010021109") or ("20010033488") or ("20020047624") or ("20030107887") or ("20030189412") or ("20040066652") or ("Re.36,030"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 08:42

## EAST Search History

S3	0	("Re.36,030").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 08:42
S4	0	("036,030").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 08:43
S5	5551	"19990105".pd.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 08:44
S6	2	S5 and nadeau.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 08:45
S7	79	((("4,070,568") or ("4,076,976") or ("4,082,395") or ("4,096,349") or ("4,096,552") or ("4,158,922") or ("4,179,182") or ("4,186,425") or ("4,237,525") or ("4,241,295") or ("4,271,408") or ("4,271,457") or ("4,272,689") or ("4,273,999") or ("4,296,459") or ("4,298,869") or ("4,309,743") or ("4,329,625") or ("4,339,788") or ("4,342,947") or ("4,367,464") or ("4,394,600") or ("4,388,567") or ("4,388,589") or ("4,392,187") or ("4,394,600") or ("4,420,711") or ("4,455,562") or ("4,459,645") or ("4,500,796") or ("4,597,033") or ("4,605,882") or ("4,622,881") or ("4,625,152") or ("4,635,052") or ("4,647,217") or ("4,654,629") or ("4,656,398"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 14:34
S8	2	("4,394,600").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 08:53
S17	99080	sensor and LED	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:35

## EAST Search History

S18	1279	S17 and toy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:35
S19	794	S18 and sound\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:36
S20	63	S18 and "sound generator"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:54
S21	461	S19 and controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 09:54
S22	421	(446/175).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 10:08
S23	7	("2942379"   "4737134"   "5445375"   "5533920"   "5816885"   "6428432").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:14
S24	23	("4390181"   "4830369"   "4875675"   "5055053"   "5288069"   "5390927"   "5419549"   "5478240"   "5500635"   "5540608"   "5566934"   "5573239"   "5587545"   "5697791"   "5743744"   "5813861"   "5971761"   "6068484"   "6074212"   "6129016"   "6150594"   "6220916"   "6238217").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:17

## EAST Search History

S25	108	("1597823"   "3239696"   "3323367"   "3549878"   "3580575"   "3582691"   "3582692"   "3604958"   "3610916"   "3750127"   "3798474"   "3828177"   "3893247"   "3940868"   "3946505"   "3974491"   "4020572"   "4054808"   "4112601"   "4128861"   "4130951"   "4158117"   "4158922"   "4216403"   "4250650"   "4253253"   "4304126"   "4328441"   "4347681"   "4402147"   "4499394"   "4510704"   "4595200"   "4660305"   "4703217"   "4703445"   "4737134"   "4741120"   "4747413"   "4748366"   "4771394"   "4814661"   "4824107"   "4848009"   "4991150"   "5033212"   "5065067"   "5188447").PN. OR ("5500635"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:21
S26	9	("3580575"   "4801141"   "4848009"   "5102131"   "5301955"   "5343190"   "5500635"   "5725445"   "5888156").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:23
S27	18	("3935669"   "4662260").PN. OR ("4801141").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:25
S28	55	("2164991"   "2583273"   "2903820"   "3325940"   "3384741"   "3720426"   "3798834").PN. OR ("3935669").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:28
S29	8	("3935669"   "4398892"   "4445297"   "4674987").PN. OR ("4982954").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:54
S30	13757	(motion or impact) near respons\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:54
S31	1713	S30 and (LED or "light emitting diode")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:55
S32	510	S31 and sound\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 10:55
S33	86	S32 and toy	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:11
S34	40	S33 and controller	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:13

## EAST Search History

S35	7761	(sound\$3 near light\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:14
S36	2604	S35 and (LED or "light emitting diode")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:14
S37	380	S36 and toy	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:14
S38	197	S37 and controller	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:15
S39	0	S38 and ((motion or impact)adj responsive)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:15
S40	1497	((motion or impact)adj responsive)	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:15
S41	208	S40 and (LED or "light emitting diode")	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:16
S42	60	S41 and sound\$3	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:16
S43	9	S42 and toy	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:17
S44	1	S43 and controller	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:17
S45	3	S43 and processor	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/13 11:18

## EAST Search History

S46	76	((("4,668,895") or ("4,675,575") or ("4,682,079") or ("4,686,425") or ("4,687,340") or ("4,688,154") or ("4,688,869") or ("4,695,769") or ("4,701,669") or ("4,705,406") or ("4,707,141") or ("4,719,544") or ("4,727,289") or ("4,740,882") or ("4,753,148") or ("4,771,274") or ("4,777,408") or ("4,779,172") or ("4,780,621") or ("4,794,383") or ("4,802,070") or ("4,818,072") or ("4,824,269") or ("4,833,542") or ("4,837,565") or ("4,843,627") or ("4,845,481") or ("4,845,745") or ("4,848,009") or ("4,857,801") or ("4,863,223") or ("4,870,325") or ("4,874,320") or ("4,887,074") or ("4,922,154") or ("4,930,052") or ("4,934,852") or ("4,947,291"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 13:25
S47	76	((("5,253,149") or ("5,254,910") or ("5,256,948") or ("5,268,828") or ("5,278,542") or ("5,279,513") or ("5,282,121") or ("5,283,517") or ("5,287,352") or ("5,294,865") or ("5,298,871") or ("5,301,090") or ("5,307,295") or ("5,323,300") or ("5,329,431") or ("5,350,977") or ("5,357,170") or ("5,365,084") or ("5,371,618") or ("5,374,876") or ("5,375,043") or ("5,381,074") or ("5,386,351") or ("5,388,357") or ("5,402,702") or ("5,404,282") or ("5,406,176") or ("5,408,764") or ("5,410,328") or ("5,412,284") or ("5,412,552") or ("5,424,442") or ("5,421,059") or ("5,432,408") or ("5,436,535") or ("5,436,853") or ("5,437,437") or ("5,450,301"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 13:27

## EAST Search History

S48	77	((("5,712,650") or ("5,721,471") or ("5,726,535") or ("5,730,013") or ("5,734,590") or ("5,751,118") or ("5,752,766") or ("5,769,527") or ("5,790,329") or ("5,791,965") or ("5,803,579") or ("5,808,689") or ("5,812,105") or ("5,821,695") or ("5,836,676") or ("5,838,247") or ("5,848,837") or ("5,850,126") or ("5,851,063") or ("5,852,658") or ("5,854,542") or ("5,859,508") or ("5,876,109") or ("5,893,631") or ("5,894,196") or ("5,895,986") or ("5,896,010") or ("5,902,166") or ("5,907,742") or ("5,912,653") or ("5,921,652") or ("5,924,784") or ("5,927,845") or ("5,946,209") or ("5,952,680") or ("5,959,547") or ("5,961,201") or ("5,963,185"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 13:29
S49	67	((("6,183,108") or ("6,184,628") or ("6,188,181") or ("6,190,018") or ("6,196,471") or ("6,211,626") or ("6,215,409") or ("6,220,722") or ("6,227,679") or ("6,233,971") or ("6,250,774") or ("6,252,358") or ("6,252,638") or ("6,273,338") or ("6,273,589") or ("6,292,901") or ("6,296,364") or ("6,310,590") or ("6,323,832") or ("6,329,764") or ("6,330,111") or ("6,331,915") or ("6,340,868") or ("6,361,198") or ("6,379,025") or ("6,445,139") or ("6,448,550") or ("6,459,919") or ("6,495,964") or ("6,504,301") or ("6,550,949") or ("6,568,834") or ("6,577,287") or ("6,726,350") or ("6,811,286"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 13:31

## EAST Search History

S50	76	((("4,962,687") or ("4,965,561") or ("4,973,835") or ("4,979,081") or ("4,980,806") or ("4,992,704") or ("5,003,227") or ("5,008,595") or ("5,008,788") or ("5,010,459") or ("5,018,053") or ("5,027,262") or ("5,034,807") or ("5,036,248") or ("5,038,255") or ("5,054,778") or ("5,072,216") or ("5,078,039") or ("5,083,063") or ("5,089,748") or ("5,117,338") or ("5,122,733") or ("5,126,634") or ("5,128,595") or ("5,130,909") or ("5,134,387") or ("5,142,199") or ("5,143,442") or ("5,154,641") or ("5,161,879") or ("5,164,715") or ("5,184,114") or ("5,194,854") or ("5,201,578") or ("5,209,560") or ("5,225,765") or ("5,226,723") or ("5,228,686"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 13:33
S51	76	((("5,461,188") or ("5,463,280") or ("5,465,144") or ("5,471,052") or ("5,475,300") or ("5,475,368") or ("5,477,433") or ("5,489,827") or ("5,491,402") or ("5,493,183") or ("5,497,307") or ("5,504,395") or ("5,504,664") or ("5,519,496") or ("5,519,591") or ("5,530,322") or ("5,541,817") or ("5,545,950") or ("5,559,681") or ("5,561,346") or ("5,567,037") or ("5,575,459") or ("5,575,554") or ("5,592,051") or ("5,614,788") or ("5,621,282") or ("5,621,603") or ("5,634,711") or ("5,636,303") or ("5,640,061") or ("5,642,129") or ("5,653,530") or ("5,655,830") or ("5,656,935") or ("5,673,059") or ("5,684,309") or ("5,688,042") or ("5,701,058"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 13:35



## EAST Search History

S52	75	((("5,974,553") or ("5,975,717") or ("5,980,064") or ("6,002,216") or ("6,008,783") or ("6,016,038") or ("6,018,237") or ("6,020,825") or ("6,025,550") or ("6,031,343") or ("6,050,695") or ("6,068,383") or ("6,069,597") or ("6,072,280") or ("6,086,222") or ("6,092,905") or ("6,095,661") or ("6,097,352") or ("6,099,185") or ("6,100,913") or ("6,111,705") or ("6,116,748") or ("6,116,751") or ("6,121,944") or ("6,122,933") or ("6,127,783") or ("6,132,072") or ("6,135,604") or ("6,149,283") or ("6,150,771") or ("6,150,774") or ("6,161,910") or ("6,166,496") or ("6,168,288") or ("6,175,342") or ("6,181,126") or ("6,183,086") or ("6,183,104"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/12/13 13:37
S55	808368	(LED or "light emitting diode")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 14:35
S56	117354	S55 and color	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 14:35
S57	4969	S56 and multicolor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 14:35
S58	121	S57 and toy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 14:37
S59	700	(LED or "light emitting diode") near multicolor\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 14:38
S60	54	S59 and toy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/12/13 14:38

## EAST Search History

S61	25	("2746756"   "2794298"   "3278182"   "4470044"   "4562516"   "4563160"   "4925424"   "5036442"   "5041947"   "5045016"   "5145444"   "5190491"   "5356328"   "5406300").PN. OR ("5791966").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 14:42
S62	19	("2412519"   "3162979"   "3287846"   "4327518"   "4869699").PN. OR ("5356328").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 14:50
S63	33	("1732085"   "2726483"   "3081578"   "3233359"   "3263361"   "3452474"   "3645037"   "4178714").PN. OR ("4327518").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 15:27
S64	31425	(multiple or multi or variable) near color	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 15:28
S65	7430	S64 and (LED or "light emitting diode")	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 15:29
S66	193	S65 and toy	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 15:29

## EAST Search History

S67	359	("20010033488"   "20020038157"   "20020044066"   "20020047569"   "20020047624"   "20020048169"   "20020057061"   "20020060526"   "20020070688"   "20020074559"   "20020078221"   "20020101197"   "20020126064"   "20020130627"   "20020145394"   "20020145869"   "20020152045"   "20020153851"   "20020158583"   "20020163316"   "20020171365"   "20020171377"   "20020171378"   "20020176259"   "20020195975"   "20030011538"   "20030028260"   "20030057884"   "20030057886"   "20030057887"   "20030057890"   "20030076281"   "20030100837"   "20030107887"   "20030133292"   "20030137258"   "20030198061"   "20030222587"   "20040032226"   "20040036006"   "20040052076"   "20040066652"   "20040090787"   "20040105261"   "20040130909"   "2909097"   "3318185"   "3561719"   "3586936"   "3595991"   "3601621"   "3643088"   "3696393"   "3740570"   "3746918"   "3760174"   "3818216"   "3832503"   "3858086"   "3909670"   "3924120"   "3958885"   "3974637"   "4001571"   "4054814"   "4070568"   "4082395"   "4096349"   "4241295"   "4271408"   "4272689"   "4273999"   "4298869"   "4329625"   "4339788"   "4360804"   "4367464"   "4388567"   "4388589"   "4392187"   "4394600"   "4420711"   "4500796"   "4514789"   "4559480"   "4581612"   "4581655"   "4597033"   "4612720"   "4622881"   "4625152"   "4635052"   "4644342"   "4647217"   "4654629"   "4656398"   "4668895"   "4672229"   "4675575"   "4682079"   "4686425"   "4687340"   "4688154"   "4688869"   "4695769"   "4701669"   "4705406"   "4707141"   "4720709"   "4727289").PN. OR ("4740882"   "4753148"   "4771274"   "4780621"   "4782336"   "4794383"   "4809078"   "4818072"   "4833542"   "4837565"   "4843627"   "4845481"   "4845745"   "4857801"   "4858088"   "4863223"   "4870325"   "4874320"   "4887074"   "4922154"   "4934852"   "4962687"   "4965561"   "4973835"   "4979081"   "4980806"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 16:16
5/24/2006 4:25:50 PM		C:\Documents and Settings\jaglowen\My Documents\EAST\Workspaces\10717193.wsp				Page 11

## EAST Search History

S68	2	("5,619,182").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/23 16:22
S69	2256	(variable or multiple) near sound\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/23 16:23
S70	127	S69 and toy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/23 16:23
S71	23	("0708143"   "1259889"   "1535144"   "2946152"   "3079728"   "3911264"   "4006556"   "4058314"   "4100697"   "4568303"   "4915666"   "4946416"   "4964837"   "5083964").PN. OR ("5145443").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 16:39
S72	1423	impact near sound\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 16:39
S73	46	S72 and toy	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 16:42
S74	13	(motion near sound\$3) and (impact near sound\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 17:30
S75	684	sound\$3 near toy	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 17:30
S76	24	("4314423"   "4347681"   "4479329"   "5157857"   "5175951"   "5267886"   "5299107"   "5316515"   "5344357"   "5438320"   "5523927"   "5611720"   "5672090"   "5683164").PN. OR ("5989091").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 08:23

## EAST Search History

S77	59	("0844577"   "1110100"   "1900353"   "2003765"   "2370601"   "2694772"   "2744189"   "2932917"   "2933853"   "3034258"   "3621356"   "3791068"   "3808418"   "3849931"   "4464861"   "4479329"   "4547171"   "4673371"   "4675519"   "4717363"   "4734074"   "4757491"   "4773888").PN. OR ("5267886").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 08:33
S78	37	("3638351"   "4221927"   "4282681"   "4305223"   "4451911"   "4595200"   "4662260"   "4737134"   "4801141"   "4809335"   "4904222"   "4931029"   "5011449"   "5073140"   "5260512"   "5267886"   "5279514"   "5281180"   "5288069"   "5316293"   "5375839"   "5376038"   "5413332"   "5471192"   "5575240").PN. OR ("5816885").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 08:50
S79	5	("4088315"   "4974833"   "5280905"   "5716302"   "5816885").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 09:56
S80	1337	centrifugal with sensor	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 09:57
S81	24	S80 and toy	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 11:28
S82	2	("falling bomb" and explosion) with sound\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 11:28
S83	1500	(bomb or missile or explosion) with sound\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 11:29
S84	141	S83 and toy	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 12:29
S85	32	S84 and impact	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 11:29
S86	30	S84 and microprocessor	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 12:50
S87	4997	(light\$3 and sound\$3) and toy	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 12:51

## EAST Search History

S88	1185	S87 and microprocessor	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 12:51
S89	681	S88 and (LED or "light emitting diode")	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 12:51
S90	260	S89 and (fly\$3 or spin\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/24 12:52